

Learning Object Integration

Thinkfinity provides a vast number of high quality, standards-based educational resources. These resources become even more powerful when educators are able to think critically about how they will integrate a Thinkfinity resource into their instruction. The **Thinkfinity Framework for Integrating Online Resources** provides educators with a structure for thinking about how to effectively embed a learning object into their teaching to enhance student learning.

The screenshot displays the Xpeditions website interface. At the top, there are tabs for LESSON PLANS, ACTIVITIES, and ATLAS. Below these, a sidebar on the left lists various resources like 'Lesson Plan', 'Standards', and 'Suggested Procedures'. The main content area shows a lesson plan titled 'Latitude, Longitude, and Mapping'. It includes a 'Standards' section with a list of standards, a 'Suggested Procedures' section with a list of steps, and an 'Assessment' section with a list of questions. The interface is designed to be user-friendly and informative, providing educators with a wealth of resources for their classrooms.

National or State Standards

Objectives

Suggested Procedures

Learning activities are the building blocks of a lesson plan. They are the activities that students will engage in to meet the lesson objectives.

Most lesson plans are designed using multiple learning activities that together will help students learn the desired content.

The **Thinkfinity Integration Plan** will help educators design a learning activity using one or more Thinkfinity learning objects to integrate within a lesson plan.

Thinkfinity Integration Plan

Learning Activity using one or more Thinkfinity Learning Objects

Integration Strategies:

- Which type of Thinkfinity learning object is this?
- Where will I use this learning object in the instructional cycle?
- Which instructional strategies will I employ?

Implementation Strategies:

- How will I configure my classroom for the learning activity?
- How will I manage implementation?
- What additional considerations will support successful implementation?

Learning Activity Development:

- What will students be asked to do?
- How will the learning activity address students' individual needs?
- How will I know if the learning activity was effective?

Assessment

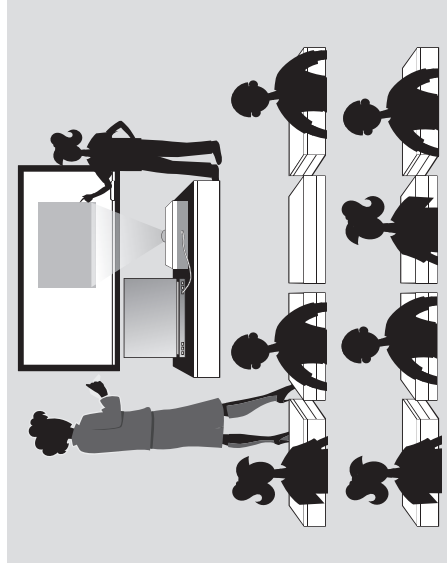
<http://www.thinkfinity.org>

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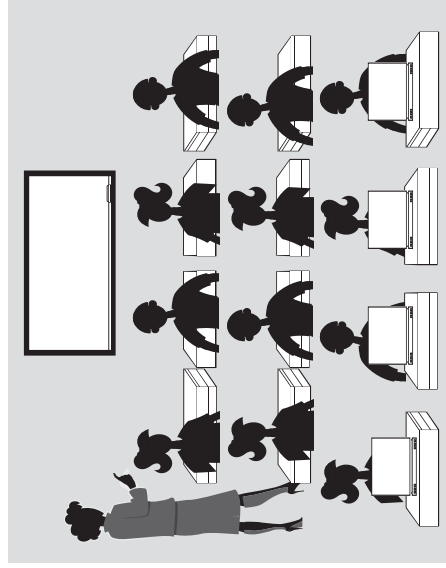
Thinkfinity Classroom Configuration

The classroom configuration options below illustrate various ways that an online Thinkfinity resource may be implemented in a classroom or computer lab setting. When deciding on the classroom configuration option to be used with a specific resource, it is important that educators think about teaching strategies, intended use of the resource, and availability of the technology.

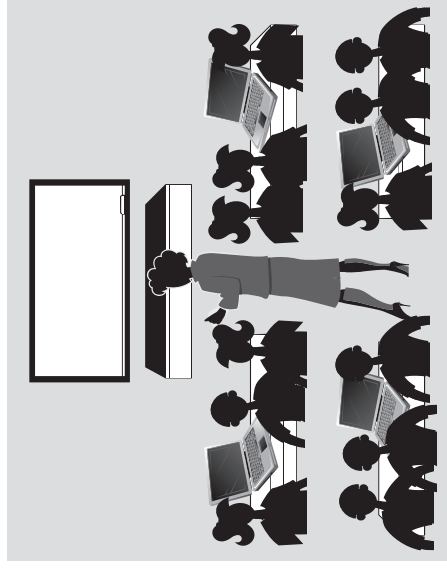
Whole group instruction with projection device: Used for modeling the use of a online resource or during an activity in which all students participate simultaneously.



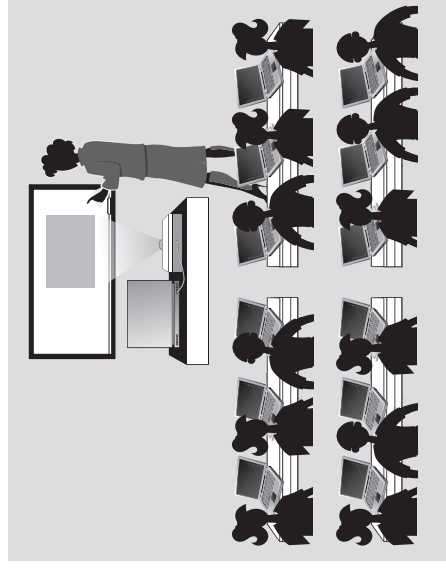
One-to-one in rotating stations: Used for individual learning in which students rotate through multiple activities simultaneously.



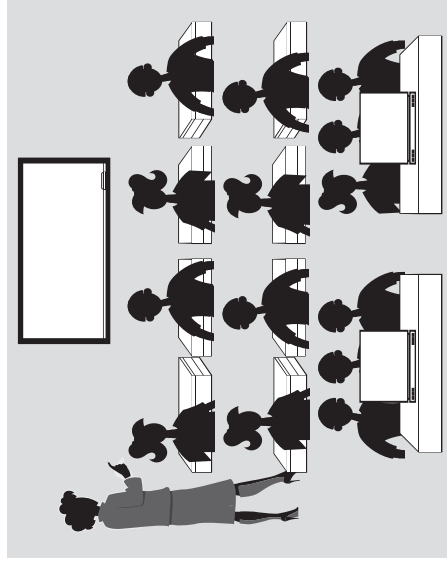
Whole group activity with small groups and mobile laptops: Used for collaborative learning during an activity in which all students simultaneously participate online in small groups.



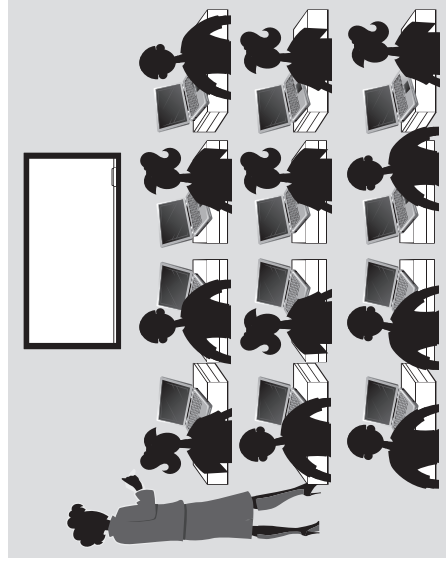
One-to-one in computer lab: Used for individual learning during a whole-class lesson that takes place in the computer lab.



Small groups in rotating stations: Used for collaborative learning in which small groups of students rotate through multiple activities simultaneously.



One-to-one with individual laptops: Used for individual learning during a whole-class lesson that takes place in the regular classroom.



LEARNING OBJECT CONSIDERATIONS WORKSHEET



Verizon Thinkfinity Learning Object: _____

Part 1

1. How will students use this learning object? _____

2. How does the activity fit within a lesson or unit plan? _____

Part 2

Does the activity:

3. Promote students' development of 21st century skills (Creativity and Innovation, Critical Thinking and Problem Solving, Communication and Collaboration)? How? _____

4. Support students' acquisition of core content? How? _____

Part 3

Within the activity:

5. Who will use the Verizon Thinkfinity resource (Students? Teacher? Both?) _____

6. What instructional strategies will be used? _____

7. How will students be grouped? How many students per computer? _____

Part 4

8. What other technology or materials are needed? Are there any scheduling considerations? _____

9. How much experience do students have with using this type of technology in the classroom? What will help support success? _____

